**Answers to Unit 11 Review**

1. B – diameter
2. F – secant
3. E – chord
4. D – central angle
5. C – inscribed angle
6. J – semicircle
7. G – tangent
8. H – minor arc
9. A – radius
10. I – major arc
11. 10π ≈ 31.42
12. 25.46
13. 61.09
14. 5.24
15. 9.54
16. 8
17. 32
18. 10
19. 14
20. 38.25
21. 70˚
22. 60˚
23. 9.75
24. JL = 5.66, C = 5.66π ≈ 17.78
25. 48
26. 120˚
27. 30˚
28. 55˚
29. 17.5
30. x = 4, Perimeter = 46
31. 50˚
32. 6
33. (x -13)2 + (y + 13)2 = 16
34. x2 + (y - 9)2 = 36
35. (x + 13)2 + (y + 16)2 = 9
36. (x -11)2 + (y + 8)2 = 74
37. x2 + (y - 3)2 = 9
38. (x - 4)2 + (y + 3)2 = 1